

Project Definition: The entire collection for a contracted area.

Work Unit Definition: A production block of data defined by the National Geospatial Technical Operations Center due to expediency, priority or resource allocation. There can be one or many work units per project.

Project Information

Lidar Base Specification: 2.1	Primary Contractor: Dewberry Consultants LLC (Dewberry)
Las Version: 1.4	Contract Mechanism: GPSC
P Method: 13 - Topobathymetric Lida	
Collection Start Date: 10-03-2021	Collection End Date: 10-05-2021
The National Map Email: tnm_help@usgs.gov	

Vertical Accuracy Results

The U.S. Geological Survey evaluates absolute vertical accuracy of the lidar and lidar-derived bare earth DEM data at the project level	Lidar Point Cloud		Digital Elevation Model	
	Required Value(cm)	Tested Value (cm)	Required Value(cm)	Tested Value (cm)
Non-Vegetated Vertical Accuracy				
95-Percent Confidence Level	19.6	16.82	19.6	16.45
Vegetated Vertical Accuracy				
95th Percentile	N/A	9.49	30.0	7.86

Please see the vertical_accuracy folder within the project metadata for more information.

Classifications Used

Classification verification is limited to the minimum required by applicable Lidar Base Specification. Classifications beyond the minimum are not verified by USGS.

Classification ID	Classification Type
1	Processed, but unclassified
2	Bare earth
7	Low noise
18	High noise
40	Bathymetric Point
41	Water Surface
42	Synthetic Water surface
45	Water Column

Sensor(s) Used

Sensor
Optech CZMIL SuperNova - topo/bathy lidar system

Work Unit Information

MD_PotomacP2_TB_2021	Work Unit ID: 221905	Quality Level: 2
Horizontal EPSG Code: 6347	Vertical EPSG Code: 5703	Geoid Model: GEOID18
DEM Ground Sample Distance: 1.0	Hydro Treatment: no hydro treatment	
Collection Start Date: 2021-10-03	Collection End Date: 2021-10-05	